Application/Control Number: 10/089,047

Art Unit: ***

CLMPTO

08/09/02

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- 1. A data storage medium having an optical information carrier which comprises a plurality of plies (10) of a polymer carrier (11) through which information can be read from a proselected polymer carrier ply (10) and, optionally, can be written to a presclected polymer carrier ply (10) and which is formed around an optically transparent care (30) whose refractive index differs by lass than 6.00 from the refractive index of the polymer carrier (11).
- The data storage medium as claimed in claim 1, characterized in that the cose (36) is sleevelike or cylinderlike and has a recess (38) in its central area.
- 3. The data armrage medium as claimed in claim 2, characterized in that the recess (32) is disposed to accommodate a read device (2) end, optionally, a write device (2) of a drive that is attuned to the cata storage medium (1).
 - 4. The data storage medium as claimed in any of claims 1-to 3, characterized in that the pulpmer carrier (11), which provides by comprises a polymer (ilm (11), is usually specially around the core (30).
 - The data storage medican as claimed in my-ef-claims 1-8-4. Characterized
 in this the zone (30, 40) comprises a plantic.
- a. The data storage ending an distance in Chain 5, characterized in that the Core (30; 60) 2020prises one or more of the following metaricist polymethyl methodylate, cyclocisinic copolygor.

Application/Control Number: 10/089,047

Art Unit: ***

The data suggest modern as elabored in claim Sear-6, characterized in that
the case (30) 40) is provided with an antisympth conting.

- 8. The data accesses medium as elabored in any of claims 1-to 4, characterized in that the core (30, 40) comprises a glass.
- The ana strage measure at elabora in any of claims. For \$, characterized in that there is no substance layer (12) between each pair of adjacent polymer current places.
 (40).
- 10. The data storage medium as claimed in Claim 9. characterized in that the refractive index of the adhesion layer (12) differs only slightly from the refractive index of the polymer carrier (11).
- The data storage medium as claimed in any electrics time+6, characterized
 in that the refuseive index of the polymer carrier (11) can be charged locally by leaving.
- 12. The data storage medium as claimed in claim 11, characterized in that the polymer carrier (11) is assigned an absorber which is disposed at least partly to absorb a write beam and to emit the generated heat at least partly, locally, to the polymer carrier (11).
 - 13. The war of a data sturnge madium as claimed in any of the preceding claims. I to conjunction with claim 3 in a drive which is around to it and comprises a read device (2) and, optionally, a write device (3), the read device (2) and the optional write device (2) being disposed in the recess (33) in the central area of the core (30) and being moved returne to the data storage medium (1), while the data storage medium (1) is sufamer). So, the purpose of reading and/or writing information.

Page 4

Application/Control Number: 10/089,047

Art Unit: ***